



# Notice to Navigation Interests

US Army corps  
Of Engineers  
Buffalo District  
1776 Niagara Street  
Buffalo, New York 14207-3199

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Notice No.

Date

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Waterway

Lake Erie, Ohio




LRB-ON-TD-S


## Condition of Federal Navigation Channel Toledo Harbor and Maumee River, Toledo, Ohio

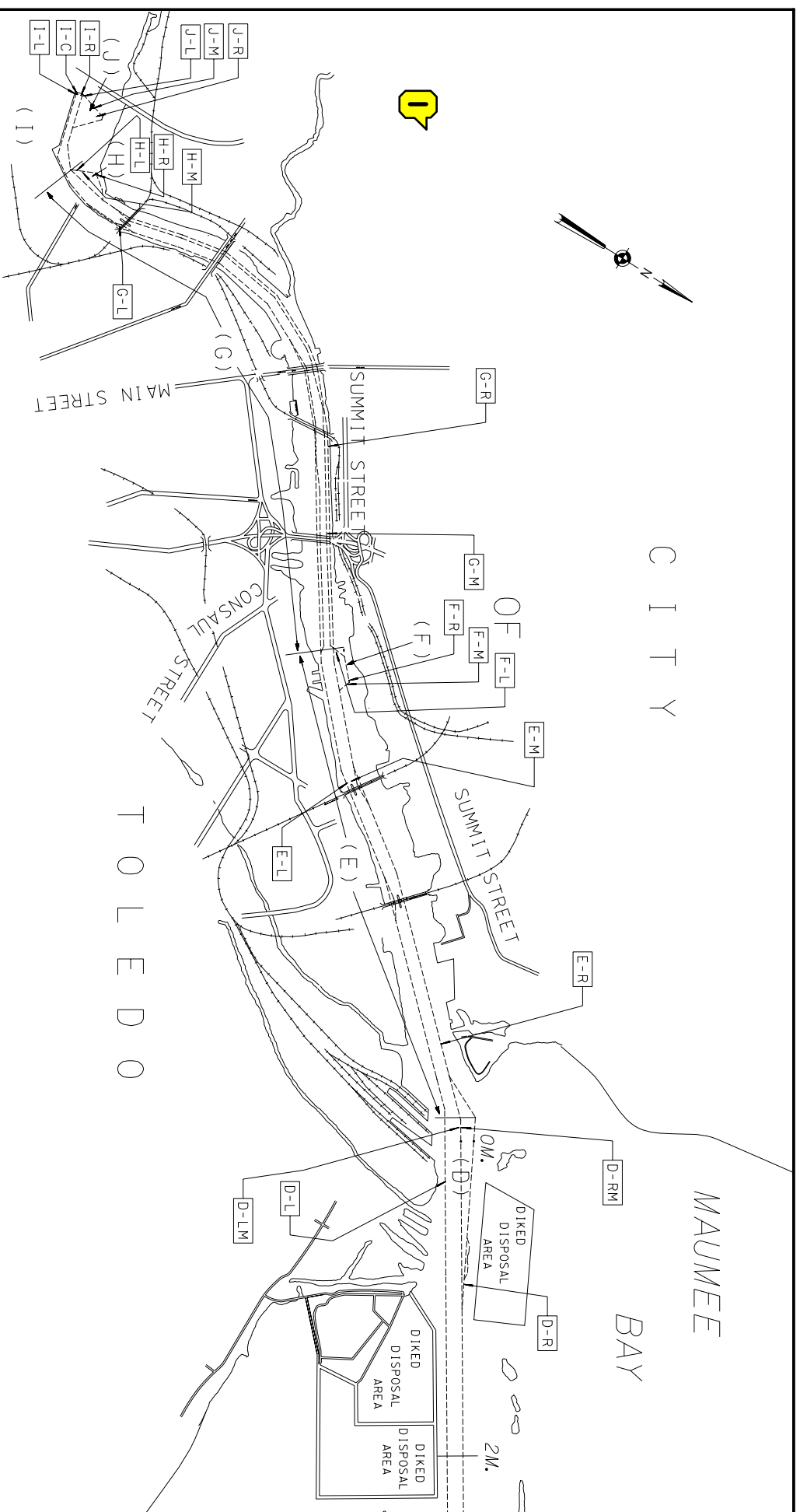
1. Condition surveys performed within the Federal Navigation Channel at Toledo Harbor and Maumee River, Ohio during the months of April 2003 through December 2003 indicate shoaling has reduced depths to those shown on the attached standard tabular form and channel condition drawings.
2. Soundings are in feet and referred to Low Water Datum (LWD) 569.2 feet above Mean Water Level (MWL) at Rimouski, Quebec (International Great Lakes Datum 1985).
3. Vessel operators are advised to use caution when navigating in this area.
4. Copies of the sounding print for Toledo Ohio consisting of (9) sheets, 03S-TOL-1/1, through 03S-TOL-1/9 at a cost of \$2.50 per sheet, and can be furnished upon receipt of a check in the full amount made payable to: United States Army Engineer District, Buffalo. Requests should be addressed to: District Commander, U.S. Army Engineer District, Buffalo, ATTN: NY/PA O&M Office, 1776 Niagara Street, Buffalo, New York 14207, requesting exact number or copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request. To obtain the Metadata and CADD files and view a color version of this map, point your web browser to <http://www.lrb.usace.army.mil/waterways/survey/survey.html>. Click on the link "SURVEY SECTION" to send a message containing your request
5. Buffalo district's point of contact in reference to the exact number of sheets, file number, and the availability of any later information pertaining to the area is Mr. Kelly L. Maccarone, Chief of the Survey Section, Buffalo District, and may be contacted by phone at 716-879-4285.

WILLIAM H. TOWNSEND, P.E.  
Chief, NY/PA Navigation and  
Maintenance Section

| REPORT OF CHANNEL CONDITIONS<br>(FOR CHANNELS LESS THAN 400 FEET WIDE)<br>(ER-1330-2-316) |                |                    |                |              | PAGE 2 OF 7 PAGES  |                            |                             |                              |
|---|----------------|--------------------|----------------|--------------|--|----------------------------|-----------------------------|------------------------------|
|   |                |                    |                |              | DATE   |                            |                             |                              |
| TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED                                 |                |                    |                |              | FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT<br>1776 NIAGARA STREET, BUFFALO, NY 14207-3199<br>(716) 879-4292 FAX (716) 879-4356 |                            |                             |                              |
| RIVER/HARBOR NAME AND STATE<br>TOLEDO HARBOR AND MAUMEE RIVER, TOLEDO, OHIO               |                |                    |                |              | MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD  |                            |                             |                              |
| NAME OF CHANNEL   | DATE OF SURVEY | AUTHORIZED PROJECT |                |              | LEFT OUTSIDE QUARTER (feet)  | LEFT INSIDE QUARTER (feet) | RIGHT INSIDE QUARTER (feet) | RIGHT OUTSIDE QUARTER (feet) |
|   |                | WIDTH (feet)       | LENGTH (miles) | DEPTH (feet) |  |                            |                             |                              |
| SHALLOWEST DEPTHS AS PER DRAWING  |                |                    |                |              | 1  | 2                          | 3                           | 4                            |
| (A) ENTRANCE CHANNEL.   |                | 500                | 4 (a)          | 28           | N/A  | N/A                        | N/A                         | N/A                          |
| (B) ENTRANCE CHANNEL CONTINUES.   | JUNE DEC. 2003 | 500                | 5              | 28           | 25.0   | 27.1                       | 27.0                        | 23.9                         |
| (C) ENTRANCE CHANNEL CONTINUES.   | MAY JUNE 2003  | 500                | 5              | 28           | 24.0   | 25.8                       | 24.9                        | 22.3                         |
| (D) ENTRANCE CHANNEL CONTINUES.   | APRIL 2003     | 500 – 950          | 2 (b)          | 28           | 23.0   | 24.9                       | 25.0                        | 17.0                         |
|        |                |                    |                |              |  |                            |                             |                              |
|   |                |                    |                |              |  |                            |                             |                              |
|   |                |                    |                |              |  |                            |                             |                              |
|   |                |                    |                |              |  |                            |                             |                              |
|   |                |                    |                |              |  |                            |                             |                              |
|   |                |                    |                |              |  |                            |                             |                              |
|   |                |                    |                |              |  |                            |                             |                              |

REMARKS: (a) LENGTH VARIES DEPENDING ON THE LOCATION OF THE 28 FOOT CONTOUR IN LAKE ERIE.  
(b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.

| REPORT OF CHANNEL CONDITIONS<br>(FOR CHANNELS LESS THAN 400 FEET WIDE)<br>(ER-1330-2-316)   |  |                    |               |  | PAGE 3 OF 7 PAGES                               |                    |                              |
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| RIVER/HARBOR NAME AND STATE<br><b>TOLEDO HARBOR AND MAUMEE RIVER, TOLEDO, OHIO</b>  |  |                    |               |  | MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD |                    |                              |
| NAME OF CHANNEL   | DATE OF SURVEY   | AUTHORIZED PROJECT |               |  | LEFT OUTSIDE QUARTER (feet)                     | MIDDLE HALF (feet) | RIGHT OUTSIDE QUARTER (feet) |
|   |  | WIDTH (feet)       | LENGTH (feet) | DEPTH (feet)   |   |                    |                              |
| (E) MAUMEE RIVER CHANNEL, FROM THE END OF THE ENTRANCE CHANNEL TO THE UPSTREAM END OF THE LOWER TURNING BASIN.  | APRIL NOV. 2003  | 400-100            | 14,000 ( c )  | 27   | 25.0  | 22.0               | 21.2                         |
| (F) LOWER TURNING BASIN.  | NOV. 2003<br> | 350                | 1300 (b)      | 10   | 21.0  | 14.0               | 12.0                         |
| ( G ) MAUMEE RIVER CHANNEL, FROM THE UPSTREAM END OF THE MIDDLE TURNING BASIN TO THE UPSTREAM LIMITS OF NAVIGATION.   | MAY JULY NOV. 2003   | 200<br>300-400     | 18,900 ( c )  | 27   | 14.4  | 23.4               | 18.1                         |
| (H) MIDDLE TURNING BASIN  | MAY 2003   | 0-700              | 1300 (b)      | 27   | 25.6  | 20.6               | 26.5                         |
| (I) MAUMEE RIVER CHANNEL, FROM THE UPSTREAM END OF THE MIDDLE TURNING BASIN TO THE UPSTREAM LIMITS OF NAVIGATION.   | MAY 2003   | 200                | 2600          | 25*  | 5.8   | 7.8                | 9.3                          |
| (J) UPPER TURNING BASIN.  | MAY 2003   | 800                | 1100 (b)      | 18   | 11.3  | 12.4               | 10.4                         |
| <p>NOTE: SECTION "G" HAS A LEAST WIDTH OF 200 FEET THRU THE CENTER, AND 25 FOOT DEPTHS IN THE REAMAING 400 FOOT WIDTH TO JUST ABOVE THE CHERRY STREET BRIDGE, THEN WIDENING TO 300 FEET ON THE SOUTHEAST TO THE PENN-CENTRAL RAILROAD BRIDGE, THEN WIDENING TO THE FULL 400 FOOT CHANNEL WIDTH.</p> |  |                    |               |  |   |                    |                              |
| <p>REMARKS: (*) NOT MAINTAINED.<br/>(b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.</p>   |  |                    |               |  |   |                    |                              |



| AREA | LEFT  | MIDDLE        | RIGHT |
|------|-------|---------------|-------|
|      | (L)   | (LM) (M) (RM) | (R)   |
| D    | 23.0' | 24.9', 25.0'  | 17.0' |
| E    | 25.0' | 22.0'         | 21.2' |
| F    | 21.0' | 14.0'         | 12.0' |
| G    | 14.4' | 23.4'         | 18.1' |
| H    | 25.6' | 20.6'         | 26.5' |
| I    | 5.8'  | 7.8'          | 9.3'  |
| J    | 11.3' | 12.4'         | 10.4' |

SHEET 4 OF 7

TOLEDO HARBOR, OHIO  
CHANNEL CONDITIONS

SCALE OF FEET

2500

0

2500

5000

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| AREA | LEFT  | MIDDLE        | RIGHT |
|------|-------|---------------|-------|
|      | (L)   | (LM) (M) (RM) | (R)   |
| D    | 23.0' | 24.9', 25.0'  | 17.0' |
| E    | 25.0' | 22.0'         | 21.2' |
| F    | 21.0' | 14.0'         | 12.0' |
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| H    | 25.6' | 20.6'         | 26.5' |
| I    | 5.8'  | 7.8'          | 9.3'  |
| J    | 11.3' | 12.4'         | 10.4' |

| LEGEND                                  |
|---|
| DEPTHS 2.0' OR MORE ABOVE PROJECT DEPTH |
| DEPTHS 1.1' TO 2.0' ABOVE PROJECT DEPTH |
| DEPTHS 0.1' TO 1.0' ABOVE PROJECT DEPTH |
| DEPTHS AT OR BELOW PROJECT DEPTH        |

TOLEDO HARBOR, OHIO

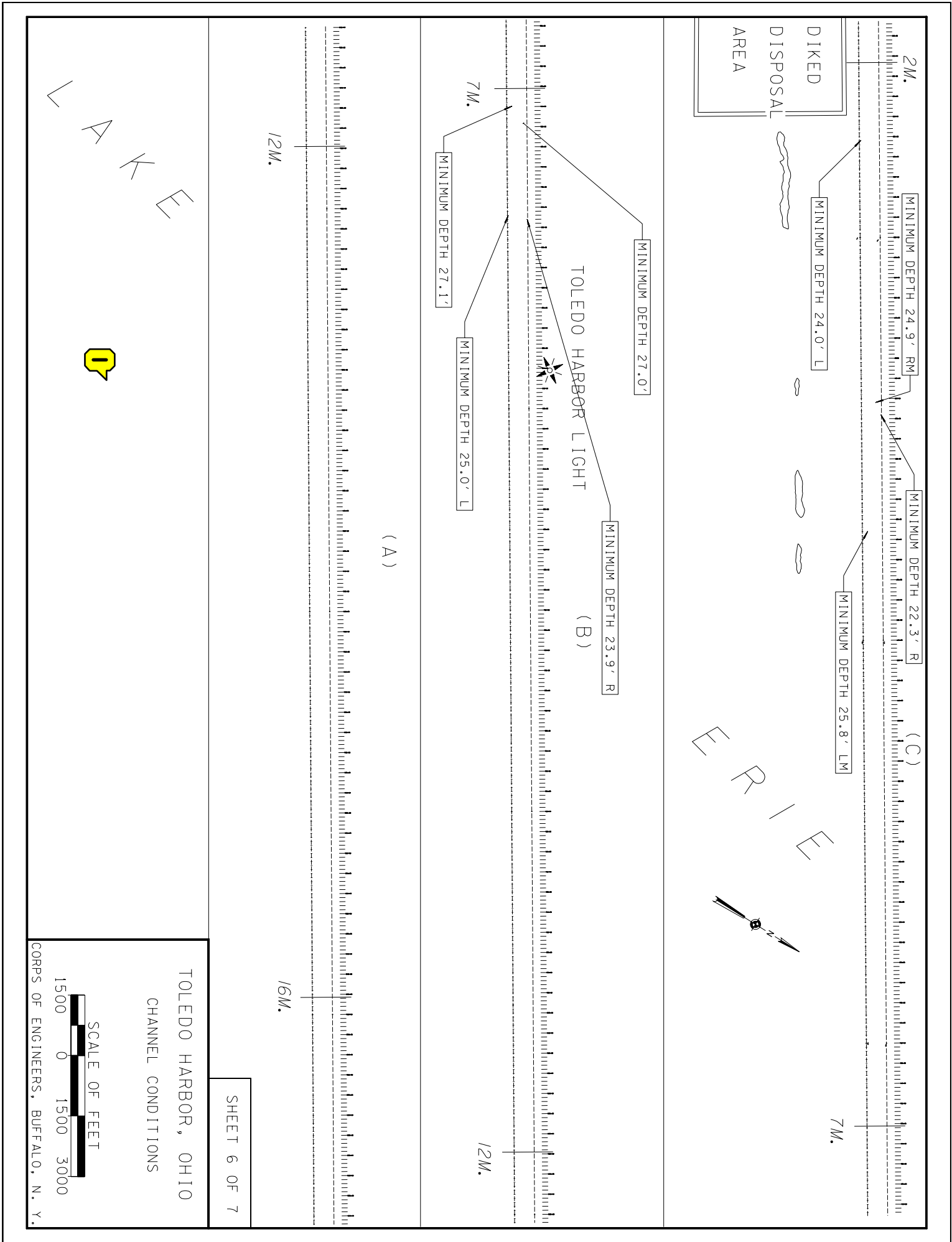
CHANNEL CONDITIONS

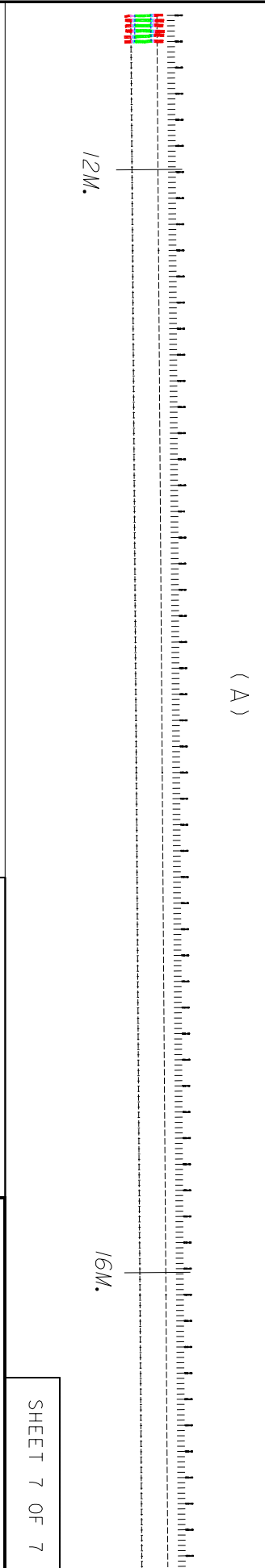
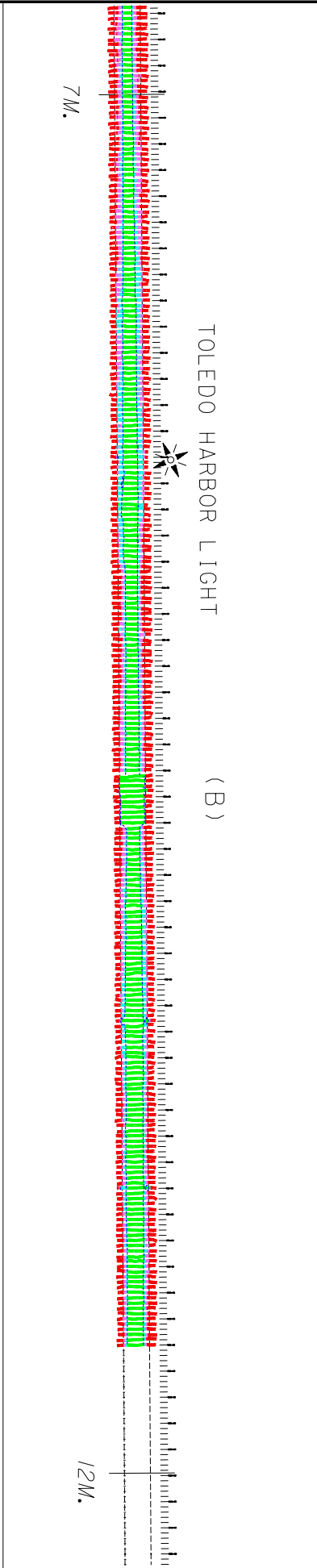
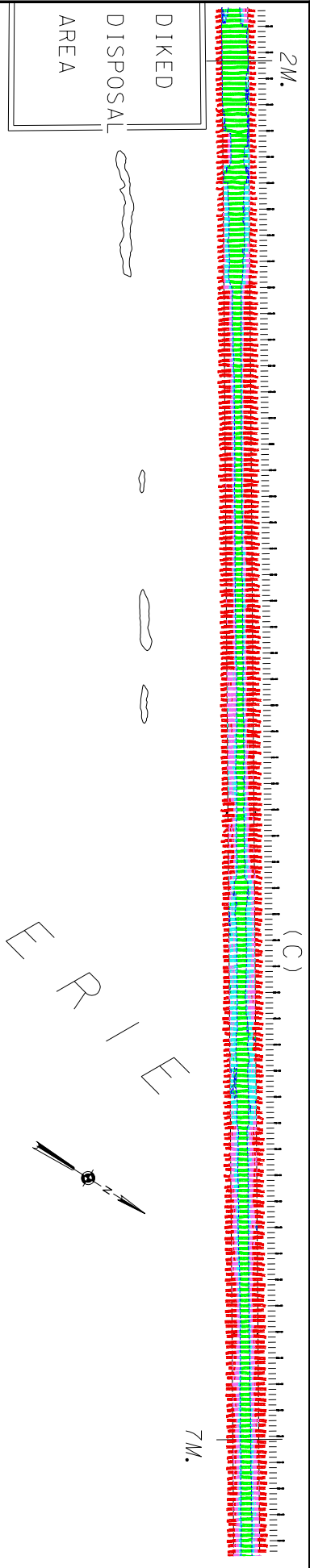
SCALE OF FEET

2500 0 2500 5000

CORPS OF ENGINEERS, BUFFALO, N. Y.

SHEET 5 OF 7





**LEGEND**

- DEPTHS 2.0' OR MORE ABOVE PROJECT DEPTH
- DEPTHS 1.1' TO 2.0' ABOVE PROJECT DEPTH
- DEPTHS 0.1' TO 1.0' ABOVE PROJECT DEPTH
- DEPTHS AT OR BELOW PROJECT DEPTH

TOLEDO HARBOR, OHIO

CHANNEL CONDITIONS

SCALE OF FEET

1500 0 1500 3000

CORPS OF ENGINEERS, BUFFALO, N. Y.

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